



## **DECLARATION and POWER OF ATTORNEY**

	inventor, i nereby deciare that:				
My residence, post	office address and citizenship are as s	tated below next to my	name.		
listed below) of the	original, first and sole inventor (if only e subject matter which is claimed and f GENES ENCODING ST	or which a patent is so <b>EROL DELTA</b>	-15 REDUCTASI	milea:	ames are
the specification of	f which is attached hereto unless the fo	llowing box is checked	<b>i</b> :		
was filed on	27 September 2000 - as U	J.S. Application No	orPC	CT International Application	No.
PCT/U	JS00/26442 and was amended on		f applicable).		
amendment ret	I have reviewed and understand the conferred to above.				ed by any
I acknowledge the	duty to disclose information which is I	known to me to be mat	erial to patentability as o	defined in 37 CFR § 1.56.	
identified below b	sign priority benefits under 35 U.S.C. § PCT International application which d by checking the box, any foreign application on which priority is cla country	ation for natent of thive	entor's certificate, of FC	ion(s) for patent or inventor nited States, listed below and International application h Priority Claimed (Yes/N	aving a ming
		TI is 100 as Desir	i1 Alienties(a) liete	ad balaw	
I hereby claim the	benefit under 35 U.S.C. § 119(e) of an	ly United States Provis	ionai Application(s) liste	I.S. Filing Date	
	U.S. Provisional Application No 60/156, 820		30 9	entember 1999	_
United States appl	benefit under 35 U.S.C. § 120 of any United States, listed below and, insofar ication or PCT International Application formation which is known to me to be ne prior application and the national or be the national or be the national or between the national or be the national or be the national or be the national or be the national or b	on in the manner provi	y as defined in 37 CFR and the state of this application	8 1.56 which became availal	ble between
DOT / TIGOO /	26142 - 27 Se	eptember 200	10 _	Pending	
POWER OF AT	FORNEY: I hereby appoint the followent and Trademark Office connected to	ving attorney(s) and/or herewith:	agent(s) the power to pr	osecute this application and	transact all
	NG LI		Registration No.: 4	4,872	
Send corresponder telephone calls to:		E. I. du Pont de Nem Legal - Patents Wilmington, DE 198	•	Tel. No. (302) 992-3749  Fax No. (302) 892-1026	_
believed to be true	nat all statements made herein of my over; and further that these statements were or imprisonment, or both, under Sectional the application or any patent is:	e made with the knowl on 1001 of Title 18 of	the United States Code a	and that such willful false sta	
Full Name	Last Name	First Name OMOLAYO		Middle Name O.	
of Inventor	Signature (please sign full name):	O. Famos		Date: 11/7/00	
Residence &	City	State or Foreign		Country of Citizenship	
Citizenship	NEWARK DE	DELAWAR City	E.	U.S.A. State or Country	Zip Code
Post Office Address	216 BARRETT RUN PLACE	NEWARK	·	DELAWARE	19702
Full Name	Last Name	First Name		Middle Name	
Inventor	KINNEV	ANTHONY		Date	
	Signature (please sign full name):	Kunen	Country	Date: 1 NOV 203	9
Residence & Citizenship	City WILMINGTON	State or Foreign DELAWAR	E)	UNITED KINGDOM	
Post Office	Post Office Address	City		State or Country	Zip Code
Address	609 LORE AVENUE	WILMING	TON	DELAWARE	19809

## GENERAL POWER OF ATTORNEY

(Concerning Several International Patent Applications)

The undersigned, Vernon:R. Rice, Vice President and Assistant General Counsel of E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, Delaware 19898 USA ("DuPont"), hereby confirms that the power to sign for DuPont has been granted to various individuals (as set forth in the attached excerpt from DuPont's Patent Board Rules of Procedure (January 1988), Appendix Section III.A.4), including the Chairman, Vice-Chairman, and those individuals who are Assistant Secretaries of the Patent Board. Currently these Assistant Secretaries are:

Roger A. Bowman Linda J. Davis John E. Griffiths Barbara J. Massie Miriam D. Meconnahey Deborah A. Meginniss

In addition, the authority to act on behalf of DuPont before the competent International Authorities in connection with any and all international patent applications filed by it with the United States as Receiving Office and to make or receive payments on its behalf is hereby granted to:

Belopolsky, Inna         43,319         Kelly, Patricia L.         39,25           Benjamin, Steven C.         36,087         King, Karen K.         34,8           Birch, Linda D.         38,719         Kuller, Mark D.         31,2           Bowen, Jr., Alanson G.         24,027         Krukiel, Charles E.         27,2           Christenbury, Lyme M.         30,2971         Jarnholm, Arne R.         30,3           Cotreau, William J.         36,490         Langworthy, John A.         32,2           Deitch, Gerald E.         30,457         Lerman, Bart E.         31,8           Deshmukh, Sudhir         33,677         Levitt, Cary A.         31,8           Dobson, Kevin S.         40,296         Magee, Thomas H.         27,3           Duffy, Roseame R.         33,869         Mayer, Nancy S.         29,1           Edwards, Mark A.         39,542         Medwick, George M.         27,4           Estrin, Barry         26,452         Morrisecy, Bruce W.         30,6           Evans, Craig H.         31,825         Reynolds, Stephen E.         37,5           Fair, Tamera L.         35,867         Rizzo, Thomas M.         41,2           Feltham, S. Neil         36,506         Santopietro, Lois A.         36,2           <				
Benjamin, Steven C.   36.087   King, Karen K.   34.8 Birch, Linda D.   38.719   Kuller, Mark D.   31.9 Bowen, Jr., Alanson G.   24.027   Krukiel, Charles E.   27.3 Christenbury, Lynne M.   30.971   Jarnholm, Arne R.   30,3 Cotreau, William J.   36,490   Langworthy, John A.   32.2 Deitch, Gerald E.   30.457   Lerman, Bart E.   31.8 Deshmukh, Sudhir   33.677   Levitt, Cary A.   31.8 Dobson, Kevin S.   40.296   Magee, Thomas H.   27.3 Duffy, Roseanne R.   33.869   Mayer, Nancy S.   29.1 Edwards, Mark A.   39.542   Medwick, George M.   27.4 Estrin, Barry   26.452   Moreisey, Bruce W.   30.6 Evans, Craig H.   31.825   Reynolds, Stephen E.   37.5 Fair, Tamera L.   35.867   Rizzo, Thomas M.   41.2 Feltham, S. Neil   36.506   Santopietro, Lois A.   36.2 Floyd, Linda Axamethy   33.692   Schaeffer, Andrew L.   33.67 Furr, Robert B.   32.985   Shay, Lucas K.   34.7 Golian, Andrew G.   25.293   Shipley, James E.   32.0 Golian, Paul D.   42.591   Siegell, Barbara C.   30.6 Gorman, Thomas W.   31.959   Sinnott, Jessica M.   34.0 Gould, David J.   25.338   Steinberg, Michael A.   43.1 Griffiths, John E.   32.647   Steinberg, Thomas W.   37.0 Hamby, Jane O.   32.872   Stevenson, Robert B.   26.00 Hendrickson, John S.   30.847   Walker, P. Michael   32.66	Beardell, Lori Y.	34,293	Katz, Elliott A.	26.396
Birch, Linda D.   38,719   Kuller, Mark D.   31,9	Belopolsky, Inna	43,319	Kelly, Patricia L.	39.247
Bowen, Jr., Alanson G.   24,027   Krukiel, Charles E.   27,3	Benjamin, Steven C.	36.087	King, Karen K.	34.850
Christenbury, Lyme M.         30.971         Jarnholm, Ame R.         30.3           Cotreau, William J.         36,490         Langworthy, John A.         32.2           Deitch, Gerald E.         30,457         Lerman, Bart E.         31.8           Deshmukh, Sudhir         33.677         Levitt, Cary A.         31.8           Dobson, Kevin S.         40.296         Magee, Thomas H.         27.3           Duffy, Roseanne R.         33.869         Mayer, Nancy S.         29.1           Edwards, Mark A.         39.542         Medwick, George M.         27,4           Estrin, Barry         26.452         Morrissey, Bruce W.         30.6           Evans, Craig H.         31.825         Reynolds, Stephen E.         37.5           Fair, Tamera L.         35.867         Rizzo, Thomas M.         41.2           Feitharn, S. Neil         36.506         Santopietro, Lois A.         36.2           Floyd, Linda Axamethy         33.692         Schaeffer, Andrew L.         33.6           Fricke, Hilmar L.         22.384         Sebree, Chyrrea J.         45.3           Furr, Robert B.         32.985         Shay, Lucas K.         34.7           Golian, Paul D.         42.591         Siegell, Barbara C.         30.6           <	Birch, Linda D.	38.719	Kuller, Mark D.	31.925
Cotreau, William J.         36,490         Langworthy, John A.         32,2           Deitch, Gerald E.         30,457         Lerman, Bart E.         31,8           Deshmukh, Sudhir         33,677         Levitt, Cary A.         31,8           Dobson, Kevin S.         40,296         Magee, Thomas H.         27,3           Duffy, Roseanne R.         33,369         Mayer, Nancy S.         29,1           Edwards, Mark A.         39,542         Medwick, George M.         27,4           Estrin, Barry         26,452         Mortigery, Bruce W.         30,6           Evans, Craig H.         31,825         Reynolds, Stephen E.         37,5           Fair, Tamera L.         35,867         Rizzo, Thomas M.         41,2           Feltham, S. Neil         36,506         Santopietro, Lois A.         36,2           Floyd, Linda Axamethy         33,692         Schaeffer, Andrew L.         33,6           Fricke, Hilmar L.         22,384         Sebree, Chyrrea J.         45,3           Furr, Robert B.         32,985         Shay, Lucas K.         34,7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           G	Bowen, Jr., Alanson G.	24,027	Krukiel, Charles E.	27,344
Deitch, Gerald E.         30,457         Lerman, Bart E.         31,8           Deshmukh, Sudhir         33,677         Levitt, Cary A.         31,8           Dobson, Kevin S.         40,296         Magee, Thomas H.         27,3           Duffy, Roseame R.         33,869         Mayer, Nancy S.         29,1           Edwards, Mark A.         39,542         Medwick, George M.         27,4           Estrin, Barry         26,452         Morrigsey, Bruce W.         30,6           Evans, Craig H.         31,825         Reviolds, Stephen E.         37,5           Fair, Tamera L.         35,867         Rizzo, Thomas M.         41,2           Feltham, S. Neil         36,506         Santopietro, Lois A.         36,2           Floyd, Linda Axamethy         33,692         Schaeffer, Andrew L.         33,6           Fricke, Hilmar L.         22,384         Sebree, Chyrrea J.         45,3           Furr, Robert B.         32,985         Shay, Lucas K.         34,7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           Gorman, Thomas W.         31,952         Sinnott, Jessica M.         34,0           Goul	Christenbury, Lynne M.	30.971	Jarnholm, Arne R.	30,396
Deshmukh, Sudhir         33.677         Levitt, Cary A         31.8           Dobson, Kevin S.         40.296         Magee, Thomas H.         27.3           Duffy, Roseame R.         33.869         Mayer, Nancy S.         29.1           Edwards, Mark A.         39.542         Medwick, George M.         27,4           Estrin, Barry         26,452         Morrigsey, Bruce W.         30.6           Evans, Craig H.         31.825         Reynolds, Stephen E.         37.5           Fair, Tamera L.         35.867         Rizzo, Thomas M.         41.2           Feltham, S. Neil         36.506         Santopietro, Lois A.         36.2           Floyd, Linda Axamethy         33.692         Schaeffer, Andrew L.         33.6           Fricke, Hilmar L.         22.384         Sebree, Chyrrea J.         45.3           Furr, Robert B.         32.985         Shay, Lucas K.         34.7           Golian, Andrew G.         25.293         Shipley, James E.         32.0           Golian, Paul D.         42.591         Siegell, Barbara C.         30.6           Gorman, Thomas W.         31.952         Sinnott, Jessica M.         34.0           Gould, David J.         25.338         Steinberg, Michael A.         43.1           G	Cotreau, William J.	36,490	Langworthy, John A.	32,255
Dobson, Kevin S.         40,296         Magee, Thomas H.         27,3           Duffy, Roseanne R.         33,869         Mayer, Nancy S.         29,1           Edwards, Mark A.         39,542         Medwick, George M.         27,4           Estrin, Barry         26,452         Morrissey, Bruce W.         30,6           Evans, Craig H.         31,825         Reynolds, Stephen E.         37,5           Fair, Tamera L.         35,867         Rizzo, Thomas M.         41,2           Feltham, S. Neil         36,506         Santopietro, Lois A.         36,2           Floyd, Linda Axamethy         33,692         Schaeffer, Andrew L.         33,6           Fricke, Hilmar L.         22,384         Sebree, Chyrrea J.         45,3           Furr, Robert B.         32,985         Shay, Lucas K.         34,7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           Gorman, Thomas W.         31,959         Sinnott, Jessica M.         34,0           Gould, David J.         25,338         Steinberg, Michael A.         43,1           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0	Deitch, Gerald E.	30,457	Lerman, Bart E.	31,897
Duffy, Roseanne R.         33.869         Mayer, Nancy S.         29.1           Edwards, Mark A.         39.542         Medwick, George M.         27,4           Estrin, Barry         26.452         Morressey, Bruce W.         30.6           Evans, Craig H.         31,825         Reynolds, Stephen E.         37,5           Fair, Tamera L.         35,867         Rizzo, Thomas M.         41,2           Feltham, S. Neil         36,506         Santopietro, Lois A.         36,2           Floyd, Linda Axamethy         33,692         Schaeffer, Andrew L.         33,6           Fricke, Hilmar L.         22,384         Sebree, Chyrrea J.         45,3           Furr, Robert B.         32,985         Shay, Lucas K.         34,7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           Gorman, Thomas W.         31,959         Sinnott, Jessica M.         34,0           Gould, David J.         25,338         Steinberg, Michael A.         43,1           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0           Hamby, William H.         31,521         Strickland, Frederick D.         39,0	Deshmukh, Sudhir	33.677	·Levitt, Cary A.	31.848
Edwards, Mark A.         39,542         Medwick, George M.         27,4           Estrin, Barry         26,452         Morresey, Bruce W.         30.6           Evans, Craig H.         31,825         Reynolds, Stephen E.         37,5           Fair, Tamera L.         35,867         Rizzo, Thomas M.         41,2           Feltham, S. Neil         36,506         Santopietro, Lois A.         36,2           Floyd, Linda Axamethy         33,692         Schaeffer, Andrew L.         33,6           Fricke, Hilmar L.         22,384         Sebree, Chyrrea J.         45,3           Furr, Robert B.         32,985         Shay, Lucas K.         34,7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           Gorman, Thomas W.         31,959         Sinnott, Jessica M.         34,0           Gould, David J.         25,338         Steinberg, Michael A.         43,1           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0           Hamby, William H.         31,521         Strickland, Frederick D.         39,0           Hendrickson, John S.         30,847         Walker, P. Michael         32,60	Dobson, Kevin S.	40.296	Magee, Thomas H.	27.355
Estrin, Barry       26,452       Morrassey, Bruce W.       30,6         Evans, Craig H.       31,825       Reynolds, Stephen E.       37,5         Fair, Tamera L.       35,867       Rizzo, Thomas M.       41,2         Feltham, S. Neil       36,506       Santopietro, Lois A.       36,2         Floyd, Linda Axamethy       33,692       Schaeffer, Andrew L.       33,6         Fricke, Hilmar L.       22,384       Sebree, Chyrrea J.       45,3         Furr, Robert B.       32,985       Shay, Lucas K.       34,7         Golian, Andrew G.       25,293       Shipley, James E.       32,0         Golian, Paul D.       42,591       Siegell, Barbara C.       30,6         Gorman, Thomas W.       31,959       Sinnott, Jessica M.       34,0         Gould, David J.       25,338       Steinberg, Michael A.       43,1         Griffiths, John E.       32,647       Steinberg, Thomas W.       37,0         Hamby, Jane O.       32,872       Stevenson, Robert B.       26,0         Hamby, William H       31,521       Strickland, Frederick D.       39,0         Heiser, David E.       31,366       Tulloch, Rebecca W.       36,2         Hendrickson, John S.       30,847       Walker, P. Michael       32	Duffy, Roseanne R.	33.869	Mayer, Nancy S.	29,190
Evans, Craig H.       31,825       Reynolds, Stephen E.       37,5         Fair, Tamera L.       35,867       Rizzo, Thomas M.       41,2         Feltham, S. Neil       36,506       Santopietro, Lois A.       36,2         Floyd, Linda Axamethy       33,692       Schaeffer, Andrew L.       33,6         Fricke, Hilmar L.       22,384       Sebree, Chyrrea J.       45,3         Furr, Robert B.       32,985       Shay, Lucas K.       34,7         Golian, Andrew G.       25,293       Shipley, James E.       32,0         Golian, Paul D.       42,591       Siegell, Barbara C.       30,6         Gorman, Thomas W.       31,959       Sinnott, Jessica M.       34,0         Gould, David J.       25,338       Steinberg, Michael A.       43,1         Griffiths, John E.       32,647       Steinberg, Thomas W.       37,0         Hamby, Jane O.       32,872       Stevenson, Robert B.       26,0         Hamby, William H       31,521       Strickland, Frederick D.       39,0         Heiser, David E.       31,366       Tulloch, Rebecca W.       36,2         Hendrickson, John S.       30,847       Walker, P. Michael       32,60	Edwards, Mark A.	39,542	Medwick, George M.	27,456
Fair, Tamera L.       35,867       Rizzo, Thomas M.       41,2         Feltham, S. Neil       36,506       Santopietro, Lois A.       36,2         Floyd, Linda Axamethy       33,692       Schaeffer, Andrew L.       33,6         Fricke, Hilmar L.       22,384       Sebree, Chyrrea J.       45,3         Furr, Robert B.       32,985       Shay, Lucas K.       34,7         Golian, Andrew G.       25,293       Shipley, James E.       32,0         Golian, Paul D.       42,591       Siegell, Barbara C.       30,6         Gorman, Thomas W.       31,959       Sinnott, Jessica M.       34,0         Gould, David J.       25,338       Steinberg, Michael A.       43,1         Griffiths, John E.       32,647       Steinberg, Thomas W.       37,0         Hamby, Jane O.       32,872       Stevenson, Robert B.       26,0         Hamby, William H       31,521       Strickland, Frederick D.       39,0         Heiser, David E.       31,366       Tulloch, Rebecca W.       36,2         Hendrickson, John S.       30,847       Walker, P. Michael       32,60	Estrin, Barry	26,452		30.663
Feltham, S. Neil         36,506         Santopietro, Lois A.         36,2           Floyd, Linda Axamethy         33,692         Schaeffer, Andrew L.         33,6           Fricke, Hilmar L.         22,384         Sebree, Chyrrea J.         45,3           Furr, Robert B.         32,985         Shay, Lucas K.         34,7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           Gorman, Thomas W.         31,959         Sinnott, Jessica M.         34,0           Gould, David J.         25,338         Steinberg, Michael A.         43,1           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0           Hamby, Jane O.         32,872         Stevenson, Robert B.         26,0           Hamby, William H.         31,521         Strickland, Frederick D.         39,0           Heiser, David E.         31,366         Tulloch, Rebecca W.         36,2           Hendrickson, John S.         30,847         Walker, P. Michael         32,60	Evans, Craig H.	31,825	Reynolds, Stephen E.	37,580
Floyd, Linda Axamethy         33.692         Schaeffer, Andrew L.         33,6           Fricke, Hilmar L.         22,384         Sebree, Chyrrea J.         45,3           Furr, Robert B.         32,985         Shay, Lucas K.         34,7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           Gorman, Thomas W.         31,959         Sinnott, Jessica M.         34,0           Gould, David J.         25,338         Steinberg, Michael A.         43,1           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0           Hamby, Jane O.         32,872         Stevenson, Robert B.         26,0           Hamby, William H.         31,521         Strickland, Frederick D.         39,0           Heiser, David E.         31,366         Tulloch, Rebecca W.         36,2           Hendrickson, John S.         30,847         Walker, P. Michael         32,60	Fair, Tamera L.	35,867	Rizzo, Thomas M.	41,272
Fricke, Hilmar L.         22,384         Sebree, Chyrrea J.         45.3           Furr, Robert B.         32,985         Shay, Lucas K.         34.7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30.6           Gorman, Thomas W.         31,959         Sinnott, Jessica M.         34.0           Gould, David J.         25,338         Steinberg, Michael A.         43.1           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0           Hamby, Jane O.         32,872         Stevenson, Robert B.         26,0           Hamby, William H.         31,521         Strickland, Frederick D.         39,0           Heiser, David E.         31,366         Tulloch, Rebecca W.         36,2           Hendrickson, John S.         30,847         Walker, P. Michael         32,60	Feltham, S. Neil	36.506	Santopietro, Lois A.	36,264
Furr, Robert B.         32,985         Shay, Lucas K.         34,7           Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           Gorman, Thomas W.         31,959         Sinnott, Jessica M.         34,0           Gould, David J.         25,338         Steinberg, Michael A.         43,1           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0           Hamby, Jane O.         32,872         Stevenson, Robert B.         26,0           Hamby, William H.         31,521         Strickland, Frederick D.         39,0           Heiser, David E.         31,366         Tulloch, Rebecca W.         36,2           Hendrickson, John S.         30,847         Walker, P. Michael         32,60	Floyd, Linda Axamethy	33,692	Schaeffer, Andrew L.	33,605
Golian, Andrew G.         25,293         Shipley, James E.         32,0           Golian, Paul D.         42,591         Siegell, Barbara C.         30,6           Gorman, Thomas W.         31,959         Sinnott, Jessica M.         34,0           Gould, David J.         25,338         Steinberg, Michael A.         43,1           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0           Hamby, Jane O.         32,872         Stevenson, Robert B.         26,0           Hamby, William H.         31,521         Strickland, Frederick D.         39,0           Heiser, David E.         31,366         Tulloch, Rebecca W.         36,2           Hendrickson, John S.         30,847         Walker, P. Michael         32,60	Fricke, Hilmar L.	22,384	Sebree, Chyrrea J.	45,348
Golian, Paul D.         42.591         Siegell, Barbara C.         30.6           Gorman, Thomas W.         31.959         Sinnott, Jessica M.         34.0           Gould, David J.         25.338         Steinberg, Michael A.         43.1           Griffiths, John E.         32.647         Steinberg, Thomas W.         37,0           Hamby, Jane O.         32.872         Stevenson, Robert B.         26,0           Hamby, William H.         31.521         Strickland, Frederick D.         39.0           Heiser, David E.         31.366         Tulloch, Rebecca W.         36.2           Hendrickson, John S.         30.847         Walker, P. Michael         32,60	Furr, Robert B.	32,985	Shay, Lucas K.	34,724
Gorman, Thomas W.         31.959         Sinnott, Jessica M.         34.0           Gould, David J.         25.338         Steinberg, Michael A.         43.1           Griffiths, John E.         32.647         Steinberg, Thomas W.         37,0           Hamby, Jane O.         32.872         Stevenson, Robert B.         26,0           Hamby, William H         31.521         Strickland, Frederick D.         39.0           Heiser, David E.         31.366         Tulloch, Rebecca W.         36.2           Hendrickson, John S.         30.847         Walker, P. Michael         32,60	Golian, Andrew G.	. 25,293	Shipley, James E.	32,003
Gould, David J.         25,338         Steinberg, Michael A.         43 L           Griffiths, John E.         32,647         Steinberg, Thomas W.         37,0           Hamby, Jane O.         32,872         Stevenson, Robert B.         26,0           Hamby, William H.         31,521         Strickland, Frederick D.         39,0           Heiser, David E.         31,366         Tulloch, Rebecca W.         36,2           Hendrickson, John S.         30,847         Walker, P. Michael         32,60	Golian, Paul D.	42,591	Siegell, Barbara C.	30,684
Griffiths, John E. 32,647 Steinberg, Thomas W. 37,0 Hamby, Jane O. 32,872 Stevenson, Robert B. 26,0 Hamby, William H. 31,521 Strickland, Frederick D. 39,0 Heiser, David E. 31,366 Tulloch, Rebecca W. 36,20 Hendrickson, John S. 30,847 Walker, P. Michael 32,66	Gorman, Thomas W.	31.959	Sinnott, Jessica M.	34.015
Hamby, Jane O.32,872Stevenson, Robert B.26.0Hamby, William H.31,521Strickland, Frederick D.39.0Heiser, David E.31,366Tulloch, Rebecca W.36.2Hendrickson, John S.30,847Walker, P. Michael32,60	Gould, David J.	25,338	Steinberg, Michael A.	43 160
Hamby, William H.31.521Strickland, Frederick D.39.0Heiser, David E.31.366Tulloch, Rebecca W.36.2Hendrickson, John S.30.847Walker, P. Michael32,60	Griffiths, John E.	32,647	Steinberg, Thomas W.	37,013
Heiser, David E.31.366Tulloch, Rebecca W.36.20Hendrickson, John S.30.847Walker, P. Michael32,60	Hamby, Jane O.	32,872	Stevenson, Robert B.	26,039
Hendrickson, John S. 30.847 Walker, P. Michael 32,6	Hamby, William H.	31,521	Strickland, Frederick D.	39,041
	Heiser, David E.	31.366	Tulloch, Rebecca W.	.36.297
Joung, J. Kenneth 41.881 Wang, Chen 38,6	Hendrickson, John S.		Walker, P. Michael	32,602
	Joung, J. Kenneth	41,881	Wang, Chen	38,650

The undersigned ratifies fully all actions already taken by the above-named individuals in accordance with the authority granted hereby.

E. I. DU PONT DE NEMOURS AND COMPANY

Vernon R. Rice

Vice President and Assistant General Counsel

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